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Dated: November 7, 2005

Signature:

*[Handwritten Signature]*  
(Roger A. Heppermann)

Docket No.: 06005/36359  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
David L. Deitz et al.

Application No.: 09/302,687

Confirmation No.: 7243

Filed: April 29, 1999

Art Unit: 2195

For: METHODS AND STRUCTURE FOR  
BATCH PROCESSING EVENT HISTORY  
PROCESSING AND VIEWING

Examiner: S. J. Ali

**INFORMATION DISCLOSURE STATEMENT (IDS)**

MS RCE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement accompanies the Request for Continuation (RCE) application submitted herewith. This Information Disclosure Statement was first filed on May 21, 2001. It was again filed (by facsimile) on May 20, 2003 when the Examiner had said there was no copy of the May 21, 2001 filing in the application file.

Applicant has not submitted copies of each cited U.S. patent and U.S. patent application as required by 37 CFR 1.98(a)(2)(i), amended October 2004, as the U.S. Patent and Trademark Office has waived this requirement for all U.S. patent applications. Applicant

again submits herewith copies of foreign and non-patents in accordance with 37 CFR 1.98(a)(2) for the Examiner's convenience.


A concise explanation of relevance of the non-English items listed on form PTO/SB/08 is given for each listed item in the form of an Abstract attached thereto. It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

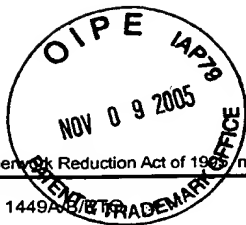
In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 13-2855 (06005/36359). A copy of this paper is enclosed.

Dated: November 7, 2005

Respectfully submitted,

By   
Roger A. Heppermann  
Registration No.: 37,641  
MARSHALL, GERSTEIN & BORUN LLP  
233 S. Wacker Drive, Suite 6300  
Sears Tower  
Chicago, Illinois 60606-6357  
(312) 474-6300  
Attorney for Applicant



PTO/SB/08a/b (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	09/302,687
				Filing Date	April 29, 1999
				First Named Inventor	David L. Deitz
				Art Unit	2195
				Examiner Name	S. J. Ali
Sheet	1	of	1	Attorney Docket Number	06005/36359

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	A1	5,774,875-B1	06-30-1998	Medeiros et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	B1	EP 0487419-A2	05-27-1992	Seiko Epson Corporation		
	B2	JP 10228312-A1	11-30-1998	Mitsubishi Chem. Corp.		✓ Abs. Only
	B3	JP 7114601-A1	05-02-1995	Hitachi Ltd.		✓ Abs. Only
	B4	JP 8328608-A1	12-13-1996	Sony Corp.		✓ Abs. Only

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	C1	Nomikos et al., "Multi-Way Partial Least Squares in Monitoring Batch Processes", 1995, <i>Chemometrics and Intelligent Laboratory Systems</i> , Vol. 30, No. 1, pp. 97-108.	
	C2	Nomikos, "Detection and Diagnosis of Abnormal Batch Operations Based on Multi-Way Principal Component Analysis", <i>ISA Transactions</i> , 1996, Vol. 35, No. 3, pp. 259-166.	
	C3	Kourti et al., "Process Analysis, Monitoring and Diagnosis, using Multivariate Projection Method", <i>Chemometrics and Intelligent Laboratory Systems</i> , 1995, Vol. 28, No. 1, pp. 3-21.	
	C4	Rosenof, "Data Logging and Reporting for Effective Batch Control", <i>The Industrial and Process Control Magazine</i> , July 1985, Vol. 58, No. 8, pp. 29-32.	
	C5	Search Report under Section 17(5) issued in GB application no. GB 0010257.4 on December 22, 2000.	
	C6	Examination Report under Section 18(3) issued in GB application no. 0010257.4 on September 16, 2004.	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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